From boatanchors@theporch.com Thu Jun 15 12:52:11 1995
Date: Thu, 15 Jun 1995 07:52:11 -0500
Message-Id: <199506151250.HAA01290@cushy.eecs.nwu.edu>
From: Norm Flasch <flasch@cushy.eecs.nwu.edu>
Subject: Re: "City of New Orleans"

>
> to: boatanchors@theporch.com
>
> Hello Jack.
>
>   Re. "City of New Orleans":
>
>   Sorry to disagree with you, but the Danoffs didn't write it.
>
>   It was written by my fellow Chicagoan, the late Steve Goodman. Actually,
> the song everyone knows now is the second version; in Old Town (as in Win
> Strake's "Old Town School of Folk Music") all of us wannabe folkies were
> singing the original in the late '60s, 5 years before Arlo et. al. recorded
> thier versions.
>   73's,
>   Tom, K9TA

I had the pleasure of attending a Chicago Channel 11 "Soundstage" program in about 1975 featuring Arlo Guthrie, Steve Goodman and Hoyt Axton. A very enjoyable experience. Steve Goodman's song about the Lincoln Park Pirates (Lincoln Towing) was right on They still live up to their reputation. If any of you are ever in Chicago and see a sign warning you not to park because you will be towed by Lincoln Towing, BELIEVE it! We have watched them. They are real fast. Big bucks to get your vehicle back too.

I also remember the very large BA cameras channel 11 was using at the time. One camera man and another to take care of the cord.

--
Norm Flasch flasch@eecs.nwu.edu Northwestern University
Electrical Engineering and Computer Science

From boatanchors@theporch.com Thu Jun 15 15:37:53 1995
Date: Thu, 15 Jun 1995 10:37:53 -0500
Message-Id: <SA39+1C3sja@hrlban1.alhra.af.mil>
From: jmartin@hrlban1.aircrew.asu.edu
Subject: ...no subject...

Regarding the 832, this tube is a dual section pentode, and was used in VHF

transmitters for aircraft use starting in WW-2. The 829 is a taller 'cousin' with the same base pin configuration. Both of these still are available on the surplus market. The base pin layout is a standard format; the Russians also use it for a number of tubes now marketed here, including their unusual 6C33C/B which is a beam power tube with a plate impedance on the order of only 100 ohms... useful as a pass element for regulated high voltage power supplies.

Anyone out there interested in an unused 2J50 magnetron (without magnets), still screwed in its original (deteriorated) shipping container? The metal protective cap over the output says Raytheon, but the tube itself is stamped Western Electric. What have you to trade?

John Martin

From boatanchors@theporch.com Thu Jun 15 15:49:47 1995
Date: Thu, 15 Jun 1995 10:49:47 -0500
Message-Id: <Pine.BSI.3.91.950615113825.7389A-100000@laurel.us.net>
From: Richard Stalls <ras@us.net>
Subject: <didn't bother with a subject>

> Re: ENOUGH ALREADY!

On Wed, 14 Jun 1995, David Stinson wrote:

> ENOUGH ALREADY

> I just received Electric Radio number 74,
> and am absolutely appalled and saddened.
> I thought we'd finished with all this. ER #74 contains
> a large article on "modifying" Command Set receivers
> for double conversion. I propose that this is not only
> destructive of irreplacable pieces of history, but that
> it simply doesn't make good sense.

*** AMEN! ***

I even winced when I sent the $2 plus three stamps to the ER classified advertiser a year or so ago for the "user friendly circuit on early BC-348's" and received reprints of all the articles from the mid-1950's on butchering ("converting") the 348's by cutting s-meter holes and so on. No matter what anybody does to these old war horses, you can't make a silk purse out of a sow's ear. As I've told a good many folks, the quickest way to devalue a vintage radio by about 90% is to attack it with a drill and soldering iron.

Of course lots of folks probably think that there's nothing wrong with cutting these jewels up, but I don't think that ER is the forum for them. Frankly, I'm very surprised that Barry published Command Set hatchet-job article and I'm sure that he'll probably get a lot of mail over having done so.

73,

Tony
K4KYO

<ras@us.net>

From boatanchors@theporch.com Thu Jun 15 16:07:06 1995
Date: Thu, 15 Jun 1995 11:07:06 -0500
Message-Id: <Pine.BSI.3.91.950615115620.7389B-100000@laurel.us.net>
From: Richard Stalls <ras@us.net>
Subject: Re: Acetone follow up

On Wed, 14 Jun 1995, "rohre" wrote

> I mis- listed Acetone as a proved carcinogen.
>
> Consultation with experienced chemist and list member Barry
> Ornitz corrected my information. Thanks Barry.
>
> He agrees there is the significant flammable risk.

Stuart,

Thanks for the excellent summary on acetone. As my paint dissolving solvent of choice, I appreciate knowing a bit more about it beyond how well it works.

Quoting from the warning on the can (with their emphasis in caps):

VAPOR HARMFUL. MAY AFFEST THE BRAIN OR NERVOUS SYSTEM CAUSING DIZZINESS, HEADACHE OR NAUSEA. CAUSES EYE, NOSE AND THROAT IRRITATION.

NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the

contents may be harmful or fatal.

VAPORS MAY IGNITE EXPLOSIVELY. KEEP AWAY FROM HEAT, SPARKS, AND FLAME.
DO NOT SMOKE.

And so on...

In your post earlier yesterday, you commented that it is difficult to get
in small quantities. Here in Northern Virginia, it's available in quart
cans and larger in all paint and hardware stores under several brand
names.

73,

Tony
K4KYO

<ras@us.net>

From boatanchors@theporch.com Thu Jun 15 18:01:53 1995
Date: Thu, 15 Jun 1995 13:01:53 -0500
Message-Id: <9506151100.ZM7134@ws11.iac.honeywell.com>
From: "Steve Cornelius" <scorneli@ips.iac.honeywell.com>
Subject: Re: Acetone follow up

On Jun 14, 18:45, rohre wrote:
> I mis- listed Acetone as a proved carcinogen.

But your intention was correct.

I think what you might be referring to was the paint strippers containing
Methylene Chloride, which *is* a carcinogen, as well as being some pretty
nasty stuff. Most of the "yellow goo" strippers are of this variety, including
the infamous Klean-Strip Aircraft Stripper.

The "yellow goo" strippers are formulated to hold the concentrated Methylene
Chloride vapors as near the paint as possible. They'll remove damn near
anything, including stubborn epoxies.

If anyone wants to use this stuff, wear thick rubber gloves and a vapor
respirator. Also keep a bucket of water handy for washing in case you get
some on your skin (it burns like hell, so you want to wash it off quick).

Also, the residue is classified as hazardous waste, so call around for disposal instructions before using it. Incidentally, it neutralizes with acetone and lacquer thinner...

Oh, and be sure to read the label before opening the can, 'cuz any drips will take the label right off it :)

73, steve, aa7xv

--

Steve Cornelius | If you *don't* like airplane noise,
Phoenix, AZ, USA | then why in the #*!! did you buy a
scornelius@ips.iac.honeywell.com | house next to an airport !?

Not a Honeywell opinion.

From boatanchors@theporch.com Fri Jun 16 04:51:46 1995
Date: Thu, 15 Jun 1995 23:51:46 -0500
Message-Id: <9506160445.AA27233@texan.frco.com>
From: bill@texan.frco.com (William Hawkins)
Subject: Re: Acetone follow up

I cannot resist. (but you must) [no, i can't]

When I started work at a blasting cap plant in Port Ewen, New York, in 1960, there was a quality control technician named Biff Walker. When it got hot in the summer, Biff would take off his shirt and rub his chest and arms with an acetone soaked rag to cool off.

Biff was different in other ways, too.

Don't try this yourselves, folks, Biff was a Professional.

Bill Hawkins bill@bvc.frco.com

P.S. Biff did not die of acetone poisoning in the 6 years I knew him.

P.P.S. You know what QC technicians at blasting cap plants do, don't you? They gather samples of caps and apply electricity in varying amounts to see if they go off. Biff survived the explosion of 20 caps he was carrying because they were pointed away from him.

From boatanchors@theporch.com Thu Jun 15 12:10:10 1995

Date: Thu, 15 Jun 1995 07:10:10 -0500
Message-Id: <199506151211.HAA13830@wrdis01.robins.af.mil>
From: lakeith@wrdis01.robins.af.mil (Larry Keith)
Subject: Re: Alice's Valve shop

In your message of 14 Jun 1995 at 1816 EDT, you write:
> >From: Kana, Michael (D9CY)
> Date: Wed, Jun 14, 1995 6:06 PM
> Subject: Alice's Valve shop
> To: bigboats
> You can get most any tube you want at Alice's Radio/Tv shop...
>
> Needs work but has promise...
>
My version:

"You can get anything you want,
in Larry's Bone Yard haunt."

As Mike said, it needs work..

73,
Larry, KQ4BY

From boatanchors@theporch.com Thu Jun 15 14:08:38 1995
Date: Thu, 15 Jun 1995 09:08:38 -0500
Message-Id: <"Macintosh */PRMD=MOT/ADMD=MOT/C=US/"@MHS>
From: William_Sievers-LWS005@email.mot.com
Subject: RE: Alice's Valve shop

Don't quit your day job yet.

***You can get most any tube you want at Alice's Radio/Tv shop...

Bill
KC1HP

From boatanchors@theporch.com Thu Jun 15 13:17:09 1995
Date: Thu, 15 Jun 1995 08:17:09 -0500

Message-Id: <9506151314.AA00901@lambada.oit.unc.edu>
From: terry murphy <Terry.Murphy@lambada.oit.unc.edu>
Subject: Re: BA Aromas

Since I stopped smoking cigarettes 8 years ago, my sense of smell has
sharpened and some recent finds include:
Hallicrafter SX-99 = Borkum Riff pipe
Hallicrafter sx-42 = cigar
Hallicrafter sx-71 = cigs

If I fire them off together, I can almost get a high from the nicotine :-)

73 de ab4vj..

From boatanchors@theporch.com Thu Jun 15 14:22:00 1995
Date: Thu, 15 Jun 1995 09:22:00 -0500
Message-Id: <199506151420.KAA09130@cc01du.unity.ncsu.edu>
From: rdkeys@unity.ncsu.edu
Subject: Re: BA Aromas

>
> As of 1992, I have become accustomed to yet another BA smell. Believe it or
> not, the Marconi CSR5A receivers aboard Haida are still 'gassing'
> slightly after 50 years. I can't quite describe the aroma, however, when I
> get a whiff of freshly dried alkyd paint, I immediately start to daydream
> about some new radio restoration activity aboard a ship. Dick - if you can
> bottle and ship me Essence of 611, I'll swap you for Cologne de Marconi #5A.
>
> So... what's everyone's favourite BA aroma?
>
> Regards,
> Jerry Proc   VE3FAB

Well, lemmesee, there is a wonderful, slightly tangy, aroma of the
sea, let us call it ``Eau de Salt Sea Spray'', that gently emanates
(late of the evening) from the ol' RMCA ET-8019A when the 813's
are at full steam plying the waters of 80 meters while the stars
twinkle out the porthole off the port bow.....

Ahhhhhh.....'tis the stuff dreams and nautical adventures be made of.....

73/Bob/NA4G ``Boatanchor Bob''

From boatanchors@theporch.com Thu Jun 15 16:11:45 1995
Date: Thu, 15 Jun 1995 11:11:45 -0500
Message-Id: <199506151609.LAA01634@cushy.eecs.nwu.edu>
From: Norm Flasch <flasch@cushy.eecs.nwu.edu>
Subject: Re: BA Aromas

>
> >Someone in a previous mentioned the smell of these places. It was of
> >course a heavenly scent. If someone bottles a perfume derived from 40s
> >vintage radio fungicide, radio wackos of a certain age will be as putty in
> >the hands of any female who wears it. Well, I will anyway. Even today I
> >occasionally open the bottom of one of my BC-611s for a little... sniff.
> >
> Dick,

Ill jump in. Thanks for restoring the memory of my early teens and my
BC-603 and BC-604 pair that we got on S. Michigan Ave. I can still see
the yellow caste of the coating too.
>
> I always wanted to start a thread on the "aroma" of an old BA but was
> too shy for fear that people would think that I'm nuts (or confirmation of
> same). It nice to know that I have company.
>
> When I was in my mid-teens, I always patronized an electronics store in
> Hamilton Ontario on Saturdays. The owner was a cigar smoking electronics
>
> So... what's everyone's favourite BA aroma?
>
> Regards,
> ---
> Jerry Proc   VE3FAB

Amazing. When I was a kid I frequented a Radio/TV/Appliance store
called Heinz Radio in Skokie. Ed Heinz opened his store in 1925 and
closed it in 1965. I often stopped there after school and would watch
in amazement as Ed and his crew would fix tv's and radios. I would
ask questions. They liked having me around. Only thing is that Ed
always called me Joe, because my dad's name was Joe. He knew my mane,
but preffered Joe. I kind of liked "Joe".

Anyway, Ed was a chain cigar smoker. I still have a box of 4 standard
deflection yokes and a CRT tester/restored that he gave me when he
went out of business. When I last opened them up a couple of years ago,
there was still that slight aroma.

--
Norm Flasch flasch@eecs.nwu.edu Northwestern University
Electrical Engineering and Computer Science

From boatanchors@theporch.com Thu Jun 15 17:26:40 1995
Date: Thu, 15 Jun 1995 12:26:40 -0500
Message-Id: <9506151720.AA23779@orion.crd.ge.com>
From: mallick@orion.crd.ge.com (John Mallick)
Subject: Re: BA Aromas

In some cryogenic work here I was introduced to using GE-7031 varnish; it has a very nice BA aroma, sort of like a slightly overheated resistor or burnt Bakelite. I was thinking of painting some on the heat sinks of my solid state equipment just to recapture the smell of fine old equipment in operation.

By the way, Lapsang Soochong tea (a burnt Indian tea) has the same sort of aroma while steeping. Maybe it can become the BA drink of choice. Twining's makes it, so check it out at your local supermarket. :-)

73, John WA1HNL

From boatanchors@theporch.com Thu Jun 15 23:02:07 1995
Date: Thu, 15 Jun 1995 18:02:07 -0500
Message-Id: <199506152300.QAA22503@scn.org>
From: David Barts <davidb@scn.org>
Subject: Re: BA Aromas

I guess my favorite BA aroma is the faint smell of hot glass and singed dust the tubes make when a BA (or any tube radio) is operating. That odor brought back instant memories the night a few years ago when I dragged my forgotten Drake 2B out of the closet and powered it up.

From boatanchors@theporch.com Thu Jun 15 19:33:25 1995
Date: Thu, 15 Jun 1995 14:33:25 -0500
Message-Id: <199506151931.PAA26819@cc01du.unity.ncsu.edu>
From: rdkeys@unity.ncsu.edu
Subject: BA On-Line Manuals --- LM Manual done.

I have finished the LM on-line manual, as far as I want to take it. There are three levels of versions of the manual. 1) is the simplest minimum roff style formatter version that is 100% ascii and will print out on any printer with sufficient additional information to get the

LM up and running, but without polished graphics, 2) is intermediary
troff style typesetter for laserjet printers, again without graphics,
or 3) is high-level TeX/LaTeX style typesetter for full graphics output
of the minimum required schematics for full restoration and servicing.

The files are located at 152.1.88.39.

Login with the login name zworker and the password boatanchor.

The files are in the lmmanual subdirectory.

All lowest level files are in 100% plain ascii.

All higher level files are compressed on the system to save space.

Thanks to all who helped in the feedback and peanut gallery arena!

73/Bob/NA4G

p.s. Which manual would be preferred next, BC-221, BC-348, BC-312, or RAL?

From boatanchors@theporch.com Fri Jun 16 01:00:00 1995
Date: Thu, 15 Jun 1995 20:00:00 -0500
Message-Id: <120571@w5ddl.aara.org>
From: n5off@w5ddl.aara.org
Subject: BC-348 Audio Mods

Joe,

I think the audio output mod was pretty common. I just bought
one for a guy at work and it had a couple of extra valves installed
in the dynamotor compartment. When I lit the fires, it sounded
like a boom-boom car, almost blew me over.

Although the original audio power was OK for me, guys
some guys like the power.

Bonne Chance de Tom N5OFF

From boatanchors@theporch.com Thu Jun 15 13:46:57 1995
Date: Thu, 15 Jun 1995 08:46:57 -0500
Message-Id: <950615094354_95379677@aol.com>
From: JosephWP@aol.com

Subject: BC-348N mod

I have recently acquired a BC-348N. It is in excellent physical shape, but contains several electrical mods.

The dynamotor has been replaced with a homebuilt AC supply. Also, there appears to be an additional stage added on the supply. A single section of a 5814 is used in what I think I have traced to be an audio amp placed between the detector and the 6K6 AF Amp.

Was this a common mod for the set? I have looked back through some (only a little so far though) of the surplus conversion stuff I have but cannot find any reference to it.

Joseph Pinner +
Lafayette, LA
KC5IJD
EMail: josephwp@aol.com

From boatanchors@theporch.com Fri Jun 16 01:54:49 1995
Date: Thu, 15 Jun 1995 20:54:49 -0500
Message-Id: <9506160038.AA00949@mirage>
From: mirage!pamars@uhura.neoucom.EDU (P.A.Marshall)
Subject: BC-620 & BC-659 ?

I just came into a BC-620 and a BC-659, these are squad type xcevers by the look of them, appear to be untuched except for the lack of xtals. I assume these are FM units, is this correct? Does anyone know what freq. was covered by them?

Al Marshall "Real Radios Glow in the Dark" almarshall@acm.org

As nightfall does not come at once, neither does oppression. In both instances, there is a twilight when everything remains seemingly unchanged. And it is in such twilight that we all must be most aware of change in the air--however slight--lest we become unwitting victims of the darkness.
Justice William O. Douglas

From boatanchors@theporch.com Thu Jun 15 16:14:01 1995
Date: Thu, 15 Jun 1995 11:14:01 -0500
Message-Id: <Pine.BSI.3.91.950615115841.7389C-100000@laurel.us.net>
From: Richard Stalls <ras@us.net>
Subject: Boatanchors: The Movie?

A while back, I bought an industrial grade SVHS camcorder and recently had
a wild and crazy idea to use it to videotape boatanchors and their "parents"
to put together about an hour or two video. Later this Summer I'm
planning to make an auto trip from Northern Virginia to Fort Worth and
Austin via Knoxville, Nashville, Memphis, Little Rock, and Texarkana. If
anybody along that route is willing to spend a few minutes showing off
your boatanchors for the camera, particularly military or unusual ones,
please let me know.

73,

Tony
K4KYO

<ras@us.net>

From boatanchors@theporch.com Thu Jun 15 18:07:05 1995
Date: Thu, 15 Jun 1995 13:07:05 -0500
Message-Id: <199506151759.KAA10308@igc3.igc.apc.org>
From: "Dick Dillman" <ddillman@igc.apc.org>
Subject: Re: Boatanchors: The Movie?

> A while back, I bought an industrial grade SVHS camcorder and recently had
> a wild and crazy idea to use it to videotape boatanchors and their "parents"
> to put together about an hour or two video. Later this Summer I'm
> planning to make an auto trip from Northern Virginia to Fort Worth and
> Austin via Knoxville, Nashville, Memphis, Little Rock, and Texarkana. If
> anybody along that route is willing to spend a few minutes showing off
> your boatanchors for the camera, particularly military or unusual ones,
> please let me know.

Tony, I think that's a great idea and if your trip included San
Francisco I'd certainly invite you by. In my travels I've met many
interesting folks with interesting collections of the equipment we
all admire and I've always wished I could visit more of them and
share the visits I've made with others. Perhaps our colleagues in
other areas might be willing to make their own tapes and send them to
some central place to be edited together?

Regards,

Dick Dillman <ddillman@igc.apc.org>

From boatanchors@theporch.com Thu Jun 15 18:20:48 1995
Date: Thu, 15 Jun 1995 13:20:48 -0500
Message-Id: <Pine.BSI.3.91.950615140051.2248A-100000@laurel.us.net>
From: Richard Stalls <ras@us.net>
Subject: Re: Boatanchors: The Movie?

On Thu, 15 Jun 1995, Dick Dillman wrote:

> Tony, I think that's a great idea and if your trip included San
> Francisco I'd certainly invite you by. In my travels I've met many
> interesting folks with interesting collections of the equipment we
> all admire and I've always wished I could visit more of them and
> share the visits I've made with others.

I'd love to come by, but SFO is just a LITTLE bit out of the way. ;^)

> Perhaps our colleagues in other areas might be willing to make their own
> tapes and send them to some central place to be edited together?

Now that's a great idea! I have a pair of Panasonic Industrial AG-1830
SVHS editing VCR's and the companion editing console that I got when I
bought the the Panasonic Industrial AG-450 "Reporter" camcorder. They'll
do 500 line resolution and edit VHS tapes with almost no degradation. I
have the gear to do the job and it would certainly be fun to do, but I
should put out the disclaimer that I'm light-years at being a pro-level
tape editor.

73,

Tony
K4KYO

From boatanchors@theporch.com Thu Jun 15 20:08:52 1995
Date: Thu, 15 Jun 1995 15:08:52 -0500
Message-Id: <199506152002.NAA27441@igc3.igc.apc.org>
From: "Dick Dillman" <ddillman@igc.apc.org>
Subject: Re: Boatanchors: The Movie?

> Now that's a great idea! I have a pair of Panasonic Industrial AG-1830
> SVHS editing VCR's and the companion editing console that I got when I
> bought the the Panasonic Industrial AG-450 "Reporter" camcorder. They'll
> do 500 line resolution and edit VHS tapes with almost no degradation. I

> have the gear to do the job and it would certainly be fun to do, but I
> should put out the disclaimer that I'm light-years at being a pro-level
> tape editor.

Right Tony, and those of us who might contribute tapes to the project
are probably not Orson Wells either. But we're not talkin' Citizen
Kane here, we're just talking about "home movie" type footage of our
collegues and theur collections of heavyweight equipment. At least,
that's how I see it.

I've got a Panasonic regular VHS cam-corder here. Would the tapes it
produces be accepted by your SVHS editing system?

73,

Dick

From boatanchors@theporch.com Thu Jun 15 20:30:17 1995
Date: Thu, 15 Jun 1995 15:30:17 -0500
Message-Id: <Pine.BSI.3.91.950615161854.5551B-100000@laurel.us.net>
From: Richard Stalls <ras@us.net>
Subject: Re: Boatanchors: The Movie?

  <ras@us.net>

On Thu, 15 Jun 1995, Dick Dillman wrote:

> > I have the gear to do the job and it would certainly be fun to do, but I
> > should put out the disclaimer that I'm light-years at being a pro-level
> > tape editor.
>
> Right Tony, and those of us who might contribute tapes to the project
> are probably not Orson Wells either. But we're not talkin' Citizen
> Kane here, we're just talking about "home movie" type footage of our
> collegues and theur collections of heavyweight equipment. At least,
> that's how I see it.

It should be a fun thing and the home movie will make it all the more
"folksie" too.

> I've got a Panasonic regular VHS cam-corder here. Would the tapes it
> produces be accepted by your SVHS editing system?

It'll digest anything VHS.

73,

Tony
K4KYO

From boatanchors@theporch.com Thu Jun 15 20:40:37 1995
Date: Thu, 15 Jun 1995 15:40:37 -0500
Message-Id: <Pine.BSI.3.91.950615162411.5551C-100000@laurel.us.net>
From: Richard Stalls <ras@us.net>
Subject: RE: Boatanchors: The Movie?

On Thu, 15 Jun 1995 jproc@worldlinx.com wrote:

> That's a great idea! I would be willing to pay for a VHS copy of that video.
> We in this group are only linked electronically. It would really be great to
> put a face with a name and see each other 'toys'. If you ever have the
> opportunity to visit Toronto, there are lots of BA's to videotape aboard
> Haida. Just this last weekend, I had an opportunity to be a narrator for a
> visitor from England who videotaped the gear, so I've got a bit of experience
> under my belt.

Well then, let's do it! I can edit the stuff together and dupe the
finished product, or if somebody else wants to, I can send what I shoot.

Perhaps we can open with self introductions and a quick tour of the shack
and goodies. Extra time of course would be devoted to interesting stuff,
hopefully working.

How does that sound?

73,

Tony
K4KYO

From boatanchors@theporch.com Thu Jun 15 21:16:26 1995
Date: Thu, 15 Jun 1995 16:16:26 -0500
Message-Id: <Chameleon.4.01.2.950615171238.jproc@>
From: jproc@worldlinx.com
Subject: RE: Boatanchors: The Movie?

>
>ll then, let's do it! I can edit the stuff together and dupe the
>finished product, or if somebody else wants to, I can send what I shoot.
>
>Perhaps we can open with self introductions and a quick tour of the shack
>and goodies. Extra time of course would be devoted to interesting stuff,
>hopefully working.
>
>How does that sound?
>

Tony,

Actually, your idea sounds more practical (and less costly for you) than coming to Toronto. I produced a 'show and tell' slide show in 1993 featuring Haida's BA's. I suppose the time has come for me to do a similar sort of thing with a video camera, unfortunately I don't own one. You have however, turned me on to the idea and I will see what I can do about it.

Here's another idea which may produce more immediate results. What if I took a bunch of pictures of the BA stuff on Haida. Would it be possible to scan the prints, caption them, convert them to JPEG of GIF format and put them up at an FTP site somewhere? I have never done this before so I'm lacking details and resources. How much on-line storage would a single, typical, colour, 4 x 5 photo use up? To take this one step further, what about having people in the BA group submit their BA photos to a central source and doing a scan ? Maybe put a limit on the amount of photos to be submitted per individual? How about it gang? Can anyone help?

Regards,

Jerry Proc, VE3FAB
Radio Restoration Volunteer
HMCS Haida
E-mail: jproc@worldlinx.com
Toronto, Ontario

From boatanchors@theporch.com Thu Jun 15 20:53:15 1995
Date: Thu, 15 Jun 1995 15:53:15 -0500
Message-Id: <Chameleon.4.01.2.950615164658.jproc@jproc>
From: jproc@worldlinx.com
Subject: Crystal Sources in the US

Dear BA's,

Here are some sources of crystal suppliers as published in the May 1995 issue of Monitoring Times magazine:

American Crystal Company
1623 Central Ave.
Kansas City KS 66102
Tel (913) 342-5493

Bomar Crystal Co.
201 Blackford Ave.
Middlesex NJ 08846
Tel (908) 356-7787

Cal Crystal Lab Ltd.
1142 N. Gilbert St.
Anaheim CA 92801
Tel (714) 991-1580

International Crystal Mfg Co.
11 N. Lee Ave
Oklahoma City OK 73102
Tel (405) 236-3741

JAN Crystals
Box #6017
Fort Meyers FL 33911
Tel (813) 936-2397

Monitor Crystal Services
124 W Walnut St.,
Watseka Il 60970
Tel (815) 432-5296

I have not used any of these suppliers personally so I can't vouch for any of them. Hope this is of some help.

Regards,

Jerry Proc, VE3FAB
Radio Restoration Volunteer
HMCS Haida
E-mail: jproc@worldlinx.com
Toronto, Ontario

From boatanchors@theporch.com Thu Jun 15 18:05:07 1995
Date: Thu, 15 Jun 1995 13:05:07 -0500
Message-Id: <199506151759.KAA10284@igc3.igc.apc.org>
From: "Dick Dillman" <ddillman@igc.apc.org>
Subject: Re: Desk ornaments

> I had a Ken-Rad 832 (VHF dual triode?) on the bench at work. Weird

I have a big ol' 450TL in its porcelin socket screwed to the credenza behind my desk and yes, most people don't "get" what it really is even after my patient explanation of the days when the fires of a thousand suns, streams of violet light and ominously glowing plates were every day faire for the average transmitter man. Actually, I suspect they just chalk it up as evidence (or confirmation) of my being a bit... how shall we say? Eccentric? Come to think of it, I guess the HRO-5, BC-611s and other odd bits on display in my office don't exactly bespeak sanity. But thank the goddess for obsessions, I say!

Dick Dillman <ddillman@igc.apc.org>

From boatanchors@theporch.com Thu Jun 15 16:43:49 1995
Date: Thu, 15 Jun 1995 11:43:49 -0500
Message-Id: <m0sMDcy-001Oi7C@spider.lloyd.com>
From: jml@spider.lloyd.com (Jim Lockwood)
Subject: Re: ENOUGH ALREADY!

At 10:48 PM 6/14/95 -0500, David Stinson AB5S/7 wrote:
> ENOUGH ALREADY
>
>I just received Electric Radio number 74,
>and am absolutely appalled and saddened.
>I thought we'd finished with all this. ER #74 contains
>a large article on "modifying" Command Set receivers
>for double conversion. I propose that this is not only
>destructive of irreplacable pieces of history, but that
>it simply doesn't make good sense.
>

Amen. Very eloquently stated.

Jim - km6nk

From boatanchors@theporch.com Thu Jun 15 15:26:44 1995
Date: Thu, 15 Jun 1995 10:26:44 -0500
Message-Id: <PMX-TERM-2.02-bsm2ee1-thaake-266>
From: thaake@bsm2ee1.attmail.com (thaake)
Subject: EQUIPMENT

For Sale or Trade.
This equipment is for the real die hard panel restorer...

Process Camera, 8'L X 4.5'H X 2'W Wollensak Lens 10.5" f/8 #C28568
Camera has been rebuilt and is in good working order. Has a 24"X26"
tiltable artwork frame (might have been a vacuum frame at one time)
and a 15"X17" film holder. This type of camera was intended for litho
use and works very well for making films for silkscreening. Manufacturer
and age unknow. I bought it from a defunct PC board company (bought the
entire remains) and used it for boards and screens for panels. I made
screens for a number of radio panels including (sorry) modified ones.
If you want to get into a business or just learn something about the process
this is the toy you need.

Due to weight and size (it can be disassembled) it needs to be crated and ship
via truck.

Price.. Free if you come and get it! I will deliver within 250 miles or so
if you have something to trade (make my delivery worth it).

Richmond Graphics "Micro Perfect" 18inch Diffusion Transfer and various
left over outdated chemicals and film supplies. This is a good addition to
the process camera. It is a method of doing films without the use of
a darkroom. Cost me $$$ new.

Price.. $100 Shipped

WANT LIST:

Collins 75A1 and 32V2/V3
Clegg Zeus and Interceptor
Polycom-6
Western Onion "Desk Fax" machines parts manuals
Early Western Union and Model 14 Teletype and earlier machines parts etc.

Please include your address in the body of your message. My system cuts it off the header frequently.

Tim WA0TSY
thaake@bsm2ee1.attmail.com

From boatanchors@theporch.com Thu Jun 15 20:37:14 1995
Date: Thu, 15 Jun 1995 15:37:14 -0500
Message-Id: <Pine.3.89.9506151615.A585-0100000@grog>
From: GALBRAITH CHRISTOPHER <99galbra@lab.cc.wmich.edu>
Subject: For sale stuff

Howdy gang, it's time to thin it out a bit...feel free to make offers on a bit or the lot...shipping is extra (extra heavy on some items, too!)...

Viking II and 122 VFO-- TX in VG physical/excellent electrical shape...recapped audio and p.s. 122 has a ding and some scratches but works a-ok. Both have original manuals... $225

DX-100 parts rig. No cabinet, front panel is in very poor shape, but the meter is excellent. All iron and most tubes included (some missing). Also, knobs are in poor shape... $40

Heath phone patch and swr bridge...matches the SB series...absolutely perfect with original manuals... both only for $40

Unique random wire tuner--like new. Big roller inductor and cap inside. No manual...$40

RME 4350A...I, too, took it apart and now I can't find some of the ball bearings for the dial assembly. I cleaned it and retubed where needed, but I don't have much time for finding the bearings :)...with manual copy, ...$75 (or I'll fix it and ask $100)

Tokyo High Power HC-2500...a lot like the Dentron biggie with the tapped inductor--only Jap made. Like the RME, It needs some tinkering...to be exact, a shaft for controlling one of the caps and reassembly. I just don't have the time...$50 with original manual.

Freebies for the shipping...

HW-12 parts rig
Early 70s Bell and Howell scope (minus the blown transformer)
Old Macintosh sans the keyboard

Contact via e-mail or phone 616-373-0265 (ask for Curtis, my nickname)...

p.s. I'm in Kalamazoo, MI

From boatanchors@theporch.com Thu Jun 15 21:01:37 1995
Date: Thu, 15 Jun 1995 16:01:37 -0500
Message-Id: <9506152059.AA26986@ihurry.ih.att.com>
From: Michael.J.Knudsen@att.com
Subject: Re: General Radio Wavemeter

Thanks to NA4G for expalining how the decrement meter worked.
SOunds like it just measured the BW, and you figured out the rest.
It would have to tune pretty narrow, though with those incredible
wide BW xmtrs I guess not -- a plain old L-C absorption job would do.

Funny they even measured BW in meters. Hard to 350 meters wide at 30 MC.
I guess the ultimate frequency reference was an antenna -- when an N-meter
long dipole loaded up perfectly, you were on 2N meters.

Wouldn't the antennas have narrowed down the BW of those old sparkers
by quite a bit? Except for harmonics, but there were no SW rcvrs to hear those.
--mike k

From boatanchors@theporch.com Thu Jun 15 18:42:06 1995
Date: Thu, 15 Jun 1995 13:42:06 -0500
Message-Id: <9506151842.AA29754@jsun.agen.okstate.edu>
From: vmike@jsun.agen.okstate.edu (Mike Veldman)
Subject: Hacked Command Sets

On the comments about the modified command sets. I have a personal
problem with tearing up anything that is complete and un modified,
I won't even drill a hole in the body of a car to mount an antenna.
But, I love to build things, and play with new ideas, mine or
someone elses, and trying a new wrinkle in a command set has been
educational more than once. So, to allow both of these conditions
to co-exist in my persona, I search out the already hacked and
often butchered sets. And believe me, there's no shortage of
those to be found. Along the way, however, I've come across a
large number of completely un-molested sets too (more than I'd
ever want to drag home). What I guess I'm trying to get across

in a rather long winded fasion is, that I believe that there's
room for both of these worlds in this hobby. 73

mike
WD0CTA

From boatanchors@theporch.com Thu Jun 15 23:20:47 1995
Date: Thu, 15 Jun 1995 18:20:47 -0500
Message-Id: <199506152318.SAA03287@zoom.bga.com>
From: Henry van Cleef <vancleef@bga.com>
Subject: Re: Hacked Command Sets

Well, I read the ER article on the command sets. I also read the article entitled "Modifying the Knight T-60 Transmitter," which, as the title implies, also discussed **modifying** an old transmitter from the original. In that article (on page 23), the author quotes an earlier article by D.K. Owens in "The Old Timer's Bulletin" on modifications.

I am not sure what all the shouting is about re the command sets. Reading the article, I see that the author had three sets that had already been modified. And the only "irreversible" modification in the article involves the plug-in box tray, for which a plain piece of aluminum may be substituted if someone just happens to have a genuine original that is unmodified.

All that I can say after looking at this article and seeing some of the comments here, is that I wouldn't want to mention my RME-45, which is certainly anything but "original." After all, the original RME-45 had a capacitor-input filter in the power supply, not choke-input, and most certainly did not have a product detector. Though, to assuage the purists around here, I'll mention that I got that RME as a parts set that was not only in terrible shape, but was full of "mods" that fell into Owens' Type-1 category (ignorant tinkering).

I am a firm believer in working electronics. Every item I own wears a blue collar, and works for a living. I don't own any shelf potatoes. I expect my voltmeters to voltmeter somewhere near accurately, my grid dips to dip at the dial setting the circuit I am tuning is tuned to, my scopes to show ten cycles of five-divisions-each-way 1 Mhz 1 volt sine wave on the appropriate time base and vertical amplifier settings. Radios that are supposed to put out good audio on 60 microvolts input better deliver that audio when I shove 60 microvolts on the antenna terminals. I can spend plenty of time soldering trimming resistors across dividers, tweaking coils, bending variable capacitor plates,

etc. to make that happen. I am also one who will solder in 20 ohm squeal stoppers and add a little decoupling here and there where the "dollar engineers" saved a penny by gambling that they could leave them out. "Traceable to NIST" is a reality around here, and the ability to do a job is first and foremost.

Having worked with those old command sets from the time that they were available in the downtown surplus stores fresh from the aircraft junk depots in the forties, I wonder just why someone would **want** one of those sets unless one planned to run a static display museum of some sort. Using a BC-453 as a Q-5er is an idea that is over fifty years old, and all this article does is reiterate that hanging a BC-453 behind the 454 or 455 makes a usable setup. Just what are you going to use those sets for if you don't do something like this? Isn't the spirit of amateur radio supposed to be hands-on experimentation with electronics? Seems to me that the same purists howling about making command sets do something useful have been heard howling about the de-technicalization of amateur radio and decrying the can't-do-anything-but-wear-out-batteries ricebox yuppification of the hobby. Either it's a hands-on hobby (meaning getting out the soldering iron and actually working Ohms law problems and drawing pictures on Smith charts) or it's not (meaning buy "no user servicable components inside" stuff with cases of batteries and call that amateur radio). Every time I think about actually learning the code, getting a license, and ginning up a 50L6 QRP transmitter just for the fun of it, somebody's out there talking look-but-don't-touch, either about antiques or about riceboxes.

52 years ago, when I was a youngster, I began to learn what electronics was all about. And in the 52 years since, I have modified the living bejeezus out of electronics stuff. Some of it was some other engineer's design, some of it was my own. Some of those mods turned good stuff into dumpster bait and some of them turned second-rate stuff into some of the classics you're talking about here. I put the product detector in that RME-45 because I'd never done one before, and wanted to see what would happen. I still need to do something about AGC swamping on SSB, but it does sit there and product-detect. It's stuff like that that attracted me to electronics in 1943, and I still have fun with it.

If you guys are going to write nastygrams to Barry Wiseman, I'll include my own comments---along with an article on my S-36A restoration, which includes tampering with the discriminator circuit so it works on modern FM without distorting and installation of a bridge setup so that a left-zero meter would work as an S-meter. Naw, it's not "100% original," and it's not a shelf potato, but a working radio that is blue-collar busy at what it is supposed to do several hours each day. I don't have to ask what Jim Millen, Phil Eyrick, or Wayde

Caywood would think of this---they are the ones who taught me to make
old stuff sit up and beg with a little TLC that included changes.
--
****
Hank van Cleef vancleef@bga.com vancleef@tmn.com
****

From boatanchors@theporch.com Fri Jun 16 00:09:37 1995
Date: Thu, 15 Jun 1995 19:09:37 -0500
Message-Id: <9506160005.AA28231@jupiter>
From: Andy Wallace <wallace@mc.com>
Subject: Re: Johnson Ranger contact saver

Quick question.... Was this function switch failure a problem
with the Ranger IIs as well?

--Andy

From boatanchors@theporch.com Thu Jun 15 17:08:10 1995
Date: Thu, 15 Jun 1995 12:08:10 -0500
Message-Id: <9506151707.AA03630@internet1.lotus.com>
From: Alan Richer <Alan_Richer.LOTUS@crd.lotus.com>
Subject: Kon-Tiki

In rereading Thor Heyerdahl's "Kon-Tiki" a few days ago, I was struck at the boatanchorish
nature of the station that they had on board the raft. The transmitter type was never mentioned,
but the receiver was an NC-173 (I assume National Corporation. Knut Hoagland and Torstein
Raaby (the radio operators) had both had experience in the Resistance during WWII,
and the equipment they used reflected it.

After they had landed in the South Seas (onto a reef, so the raft's contents got fairly well soaked)
they had 36 hours to contact Raratonga, else the operator there would report them
missing. The standard transmitter they had used (with a power of about 6 watts) was too far
soaked to be useful, so they switched over to a wartime "sabotage set" they had brought as a

backup. Eventually they made contact with their friend, but during this time they contacted an
operator in the States (pretty good on a QRP set!) who refused to believe they were who they were, suspecting a ham friend down the block of pulling his leg!

All in all a good read - much recommended.

Does anyone on the list ever remember hearing signal from LI2B at that time (1947-8ish)?

Not me, I wasn't then...ajr

From boatanchors@theporch.com Fri Jun 16 04:27:25 1995
Date: Thu, 15 Jun 1995 23:27:25 -0500
Message-Id: <9506152315.aa08933@jackatak.theporch.com>
From: List Admin/Owner BoatAnchor Mail List <listown@jackatak.theporch.com>
Subject: listproc problems (with the archiver)

Hey gang-

Several ofg you have written, and this is for all those who have (and who haven't ;^)

> I sent a message to listproc to get the boneyard.bluebook, well I
> got this nice header telling me it was 54 some k file there, a start
> line and an end line, but no boneyard.bluebook, just thought I would
> let you know about this.

Again, there is a problem with the way the list processor files for the archiver are set up. I would like to offer a firm date for a retry, but this isn't likely to get fixed until next week at the earliest.

Please be patient and bear with us... we really are working on this, even though everything was working fine, and then suddenly went in the dumper!

I'll let ya'll know when the archive is fixed.
--
73 DE Middle Tennessee -- 12 miles due South of Nashville!
Jack, W4PPT/Mobile (75M SSB 2-letter WAS #1657/#1789 -- both all mobile! ;^)
- - - BoatAnchor Mailing List Owner - - -
listown@jackatak.theporch.com-"Plus ca change, plus c'est la meme chose"

From boatanchors@theporch.com Fri Jun 16 03:49:20 1995
Date: Thu, 15 Jun 1995 22:49:20 -0500
Message-Id: <84610.ddillman@igc.apc.org>
From: "Dick Dillman" <ddillman@igc.apc.org>
Subject: Mackay 3007-A?

I've come across a Mackay 3007-A receiver that may be for sale, but I know nothing of this unit, its looks or its capabilities (aside from the fact that it covers 85kHz to 24MHz and was intended, like most Mackay units, as a ship's communications receiver).

Can anyone provide further information about this receiver and an opinion about whether or not it would make a good addition to my BA collection?

Dick Dillman
"If I Can Lift It I'm Not Interested"
<ddillman@igc.apc.org>

From boatanchors@theporch.com Thu Jun 15 14:06:49 1995
Date: Thu, 15 Jun 1995 09:06:49 -0500
Message-Id: <199506151405.AA00896@shore.shore.net>
From: Michael Crestohl <mc@shore.net>
Subject: Message for Marc Melucas

Sorry for waste of bandwidth.....
Marc - I have been trying to send you e-mail but it bounces back every time.
Please send me your correct address. This is re: the TCS-12 station.
Cordially, Michael Crestohl, KH6KD/W1, mc@shore.net

From boatanchors@theporch.com Thu Jun 15 12:43:38 1995
Date: Thu, 15 Jun 1995 07:43:38 -0500
Message-Id: <m0sMDxx-00003kC@next3.acme.ist.ucf.edu>
From: clarke@acme.ist.ucf.edu (Thomas Clarke)
Subject: Re: No more tubes

Due to popular demand I have wracked by brain and think the
tube tester/video game incident occured in '76 or '77.

How time flies.

Tom Clarke
KE4VFH

From boatanchors@theporch.com Thu Jun 15 13:01:20 1995
Date: Thu, 15 Jun 1995 08:01:20 -0500
Message-Id: <199506151254.IAA09120@gatekeeper.ddp.state.me.us>
From: afpgreg@gatekeeper.ddp.state.me.us (Paul V. Gregory)
Subject: Re: No more tubes

M. Knudsen offered:
>Let's see. I saw a brand new Panasonic color TV in '67 that was 100% tubes
>(yes, Japan was settled before transistors took over :-).
>And I had a Philco 1971 color set taht was a true marvel of hybridization --
>40 transistors, 2 14-pin DIP ICs, and 6 tubes! Tubes were the high-power
>outputs. Great set.

Ahoy,

Wouldn't you know it. My 1976 RCA colour TV--the first one I've ever had--went flat line last nite of massive toobicide. Power supply and audio work fine.

Common wisdom, of course, says the big eye isn't worth replacing, so I was wondering whether its remains can be recycled. I haven't opened it up yet (still in mourning) but I expect I'll find sand only within.

But I gotta ask: Do any dumpster divers on board know offhand whether TV power supplies or other vital organs can be salvaged? No such thing as too many power supplies around this place! Besides, I hate the notion of simply carting off the old girl whole to the transfer station. I'd feel better knowing she died so others could live.

--Paul

From boatanchors@theporch.com Fri Jun 16 00:57:34 1995
Date: Thu, 15 Jun 1995 19:57:34 -0500
Message-Id: <199506160054.RAA17251@scn.org>
From: David Barts <davidb@scn.org>
Subject: Re: No more tubes

> [edited]
> Just *when* did vacuum tubes disappear from other consumer electronics?
> The All-American five lasted until the mid-to-late 60's as did the
> record player with high output ceremic cartridge and single 50EH5
> pentode. However, B&W (and colour?) TV's used tubes in some cases

> in the mid 70's if not later.

Sounds about right. Just ran across an old Popular Electronics article
from 1976 or 77 about RCA closing down their tube factories.

From boatanchors@theporch.com Thu Jun 15 18:38:17 1995
Date: Thu, 15 Jun 1995 13:38:17 -0500
Message-Id: <199506151836.LAA24453@gn2.getnet.com>
From: dnorris@.getnet.com (Dean Norris)
Subject: Re: Old BA Haunts

>Someone in a previous mentioned the smell of these places. It was of
>course a heavenly scent. If someone bottles a perfume derived from 40s
>vintage radio fungicide, radio wackos of a certain age will be as putty in
>the hands of any female who wears it. Well, I will anyway. Even today I
>occasionally open the bottom of one of my BC-611s for a little... sniff.

```
         _____|-------------------------------------------------------"
>       /
>      /                          Dick Dillman
>     /                "If I Can Lift It I'm Not Interested"
>    /                       <ddillman@igc.apc.org>
>   /
>  /
  /
```

My god...he is a wacko.....(picture the light flashing 'on' above my head)
hmmm hmmm   ponder ponder   flash back!
Holy mackeral... he is right. That is a wonderful nostalgic
stink/odor/smell/fragrance. (take ur pick)

cdn

```
*****************************************************************
* Dean Norris, K7NO                            CADXA PacketCluster *
* Chandler, AZ 85224                              K7NO on 145.09   *
*       Hey.. Am I just roadkill on the information superhighway?  *
```

From boatanchors@theporch.com Thu Jun 15 13:07:12 1995
Date: Thu, 15 Jun 1995 08:07:12 -0500
Message-Id: <9506151301.AA26990@tomcat.adc.ray.com>
From: wendler@tomcat.adc.ray.com (John Wendler)
Subject: Re: Old Radio Books for Sale

Yes, I collect old radio books.
I am currently looking for the
Boy's Books of Electronics, Vol 1,2,3
by Alfred Morgan.

I have been fortunate enough to
come up with a copy of The Boy Electrician,
by the same author. Among other things,
it teaches youngsters what can be done
with a Model T spark coil, such as...

Light a Geissler tube. (Sounds similar to that medical product
I saw mentioned on the list a few days ago...)

Electrify a garbage can to scare dogs. (illustrated with running dog.)

Put tiny holes along a cigarette, preventing it
from being lit.

Power an X-ray tube for home anatomical photography.

The Boy's Books of Electronics are much more
tame, and just talk about radios, from what I remember,
but I had fun with them in junior high school and
would like to come up with a set.

Thanks!
John

John P. Wendler, P.E. e-mail: wendler@tomcat.adc.ray.com
Raytheon Advanced Device Center phone: 508-470-9433
358 Lowell St. fax: 508-470-9345
Andover, MA 01810 Callsign: N5CQU

DISCLAIMER: Any opinions expressed in the foregoing message are solely
the author's and do not represent the position of the
Raytheon Company.

From boatanchors@theporch.com Thu Jun 15 18:32:30 1995
Date: Thu, 15 Jun 1995 13:32:30 -0500
Message-Id: <9506151830.AA23127@ihurry.ih.att.com>

From: Michael.J.Knudsen@att.com
Subject: Re: old radio collecting

Serial number per se isn't much help.
How about a model number and chassis number?
Also is the dial round or slide-rule?
Are tubes 7-pin mini or Loktal?
--mike k

From boatanchors@theporch.com Thu Jun 15 20:43:56 1995
Date: Thu, 15 Jun 1995 15:43:56 -0500
Message-Id: <Pine.BSI.3.91.950615163139.5551D-100000@laurel.us.net>
From: Richard Stalls <ras@us.net>
Subject: Potato Gun

I told a friend about the potato gun and he passed the following along in an e-mail to me today.

> Flashback to the tater gun: I had not heard of the incident when it happened, but this morning on the FM BC news, two guys were found guilty of firing a tater gun through a lot of windows of a building on the UConn campus. Ha!

See... The DO work!

73 all,

Tony
K4KYO

From boatanchors@theporch.com Thu Jun 15 22:13:04 1995
Date: Thu, 15 Jun 1995 17:13:04 -0500
Message-Id: <950615180738_95690873@aol.com>
From: PasqualeNJ@aol.com
Subject: PRC-638 Info Needed.

I need a schematic for my broken PRC-638 FM Transceiver, 30 - 76 Mhg. It came out of the Gulf War, was mfg. by the Italian firm of IRET. It looks somewhat like our PRC-25 & PRC-77. This one has instructions in Saudi or Iraq. It is shown in Jane's, 1981 issue, pg. 161. ANY help will be appreciated. Any PRC-638's available?
Thank you, Pasquale Lombardi..
PasqualeNJ@AOL.com

From boatanchors@theporch.com Thu Jun 15 19:48:49 1995
Date: Thu, 15 Jun 1995 14:48:49 -0500
Message-Id: <Pine.ULT.3.90.950615150530.28127A-100000@micro2>
From: William Michels <michewh@pb.com>
Subject: Printing PS files from Windows

Hi All,

I wanted to share my experience in getting the Postscript files printed on a PC Postscript printer. I have found that you can't simply copy the file to lpt1 and expect it to work. If you have a PC Postscript printer, it is usually set up to accept normal files, not Postscript, as the default. You have to go and manually change your printer settings to get it work correctly.

We have an HP LaserJet 4M, which is set to autoswitch for personality. Well, it doesn't.

It expects some kind of signal to set it to Postscript mode just before the Postscript file comes through . Just copying the file to lpt1 is not enough.

I have found the following to work:

Go over to the printer

1) Take the printer off line.

2) Press "Menu" button several times to scroll around to "Job Menu"

3) Hit the "Item" button until the display read "Personalty=auto" (sic)

4) Hit the "+" button until display reads "Personalty=PS"

5) Hit the "Enter" button to select the option.

6) Hold the "Shift" button while pressing the "Menu" button. This saves your settings, resets the printer and puts it back on-line.

Now, assuming you saved your file as r388.ps (text only) after downloading and editing out the non-PS lines, you can use the following command in DOS:

```
Copy r388.ps lpt1
```

and your dial is printed!

To print PS from Windows, I use the File Manager. After selecting the PS file I want to print, I choose "Copy" from the File menu. I type lpt1 in the To: section and select OK. I next get a message asking if I want to replace file lpt1 with r388.ps. I click on OK and my file is printed!

When you're done printing Postscript files, remember to back through the steps above and set your printer's personality back to "auto" to be able to print regular files again.

Although the exact steps will be a little different if you have a different type of PC Postscript printer, the basics are still the same.

Best Regards,

Bill Michels
michewh@pb.com

From boatanchors@theporch.com Thu Jun 15 17:49:01 1995
Date: Thu, 15 Jun 1995 12:49:01 -0500
Message-Id: <9505158032.AA803238413@CCGATE.HAC.COM>
From: jcreid@ccgate.hac.com
Subject: PS manual needed...

My buddy is looking for the following:

Wanted: Full or partial manual (or copy) for an Eico Model-1030
Regulated Power Supply.

Output:	Input:
0-150 VDC bias @ 2 mA	117 VAC 60/50 CPS
0-400 VDC @ 0-150 mA	160 Watts
6.3 VAC @ 3 A	Fuse 2 Amp
6.3 VAC CT @ 3 A	

Tubes:
5AR4A
6X4
6L6GT (2 ea)
6AU6

0A2
0B2

Yuppers, if you have the manual for this, or have one let me know. I
accquired this one in kit form. New in the box, but missing the manual.
-Jeff

If you can help, respond to Jeff at:
Amateur: WA6FWI@WA6FWI.#SOCA.CA.USA.NOAM Internet: jangus@skyld.grendel.com
US Mail: PO Box 4425 Carson, CA 90749 Phone: 1 (310) 324-6080

From boatanchors@theporch.com Fri Jun 16 00:55:37 1995
Date: Thu, 15 Jun 1995 19:55:37 -0500
Message-Id: <120566@w5ddl.aara.org>
From: n5off@w5ddl.aara.org
Subject: PS Printing, Thank You

Two weeks ago I had a dozen or folks on BA send me instructions on how to
do this. A few of the instruction sets were even alike :-) but quess
what, never got a print put of the Compaq PS printer.

JosephWP is going to hand me one later. But Jeez, I thought it was
me. The previous post on the "copy lpt1" stuff shed a lot of light.

I'll have to try this set up.

Thanks,

Tom N5OFF

From boatanchors@theporch.com Thu Jun 15 18:08:47 1995
Date: Thu, 15 Jun 1995 13:08:47 -0500
Message-Id: <199506151759.KAA10330@igc3.igc.apc.org>
From: "Dick Dillman" <ddillman@igc.apc.org>
Subject: Re: RA-17L Arrives!

> Now that I have equipment with many CV prefix
> >tubes, I wonder... Are there in fact US equivalents
>
> Maybe!

Great!

> and, if so, is there a
> >list of equivalents available?
>
> Probably. List them, and we can look them up! Are these tubes tiny 1/4 inch
> diameter baseless "sub-mineature" tubes?

Roger wilco. All the tunes seem to be 7-pin types.

Regards,

Dick Dillman <ddillman@igc.apc.org>

From boatanchors@theporch.com Thu Jun 15 18:10:39 1995
Date: Thu, 15 Jun 1995 13:10:39 -0500
Message-Id: <199506151759.KAA10321@igc3.igc.apc.org>
From: "Dick Dillman" <ddillman@igc.apc.org>
Subject: Re: RA-17L Arrives!

> > Being one of those who think everything British is great,
>
> Even their cars and food?????

The cars, yes. At least the pre-war and early post war models. Even
the Austin Healey Mk III I had in my sports car phase, even though I
must admit it stopped running if there was even a forecast of rain.
As to the food and especially the traditional English breakfast, all
I can say is thank goodness for all the immigrants who have opened
resturants!

> I think there is a mention of the differences in the manual on the U.S. model.
> I am pretty sure the manual I have covers both the British and the U.S. model.
> I will look and see if I can find it.

I would be in your debt, sir.

Regards,

Dick Dillman <ddillman@igc.apc.org>

From boatanchors@theporch.com Thu Jun 15 19:19:04 1995
Date: Thu, 15 Jun 1995 14:19:04 -0500
Message-Id: <9506151915.AA23456@ihurry.ih.att.com>
From: Michael.J.Knudsen@att.com
Subject: Re: RA-17L Arrives!

One of my favorite predictions is that someday, techno-archaeologists will conclude that 20th Centrury England was a very hot, dry desert place. THis is obvious from their cars -- lousy heaters, and won't start in damp weather. Hail Lucas, Prince of Darkness! 73, mike k

From boatanchors@theporch.com Thu Jun 15 20:46:01 1995
Date: Thu, 15 Jun 1995 15:46:01 -0500
Message-Id: <m0sMLlp-00006lC@juts.ccc.amdahl.com>
From: joe.selkregg@amail.amdahl.com
Subject: Racal

Hello,

I have also recently become the owner of a Racal receiver. It is an RA6117-a1 (if I remember correctly). This is a U.S. model. It is working (although a little deaf) and is physically in nice condition - it even has all of it's covers and a nice filmstrip. This is the first one of these I have ever owned and is a very interesting set with it's Wadley loop, cast aluminum chassis and all.
Are there any peculiarities or "gotchas" I should know about on this set?

Also, thanks for the help in my search for the R-388 kilocycles dial.

Joe Selkregg

From boatanchors@theporch.com Thu Jun 15 20:56:46 1995
Date: Thu, 15 Jun 1995 15:56:46 -0500
Message-Id: <Chameleon.4.01.950615154559.dgibbs@>
From: "R. Dennis Gibbs" <dgibbs@Rational.COM>
Subject: RE: Racal

Hi Joe,

I also own the same exact Racal receiver. It's quite nice. I think it has two weaknesses that I have seen: The selectivity is not that good (Very wide skirts) and I don't think the Audio is all that great (But perhaps on a par with an R390A type receiver)

As far as its strengths, it is VERY sensitive, stable, and UNLIKE an
R390A, you can change frequencies VERY fast, since there are no
Mechanical stops on the dial.

>Hello,
>
>I have also recently become the owner of a Racal receiver. It is an
>RA6117-a1 (if I remember correctly). This is a U.S. model. It is working
>(although a little deaf) and is physically in nice condition - it even has
>all of it's covers and a nice filmstrip. This is the first one of these I
>have ever owned and is a very interesting set with it's Wadley loop, cast
>aluminum chassis and all.
>Are there any peculiarities or "gotchas" I should know about on this set?
>
>Also, thanks for the help in my search for the R-388 kilocycles dial.
>
>Joe Selkregg
>

From boatanchors@theporch.com Thu Jun 15 22:49:36 1995
Date: Thu, 15 Jun 1995 17:49:36 -0500
Message-Id: <9506152245.AA18712@ihurry.ih.att.com>
From: Michael.J.Knudsen@att.com
Subject: RE: Racal

Back around 1967, when the few Racal rcvrs that had already been
surplused cost around $1000 (and I was dreaming that someday I could afford
$400 for a 75A-series COllins), I read an article about
the Racal architecture that made sense about halfway.
I never could understand it, so maybe someone could give us a thumbnail
description of how this baby works.

I remember something about harmonics of 1 MHz,
and along filmstrip dial that went around for each 1 MHz of bandspread.
Maybe the 1st mixer used multiplies of 1 MHZ to get you within
a meg of the desired signal (like the MC dial on an R390A),
and the 2nd mixer on the filmstrip interpolated the KCs.

Does the 1st mixer use a PLL to latch on to a harmonic of 1 MHz?

I saw for the first time a used FRG-7 rcvr, and it seemed to work
in this pseudo-R390A manner -- you turned a little drum dial to
select the MC band, waited for a "LOCK" light to come on,

and then tuned with the KCs knob.

I also saw ar ecent mention of the Watley loop on rec.radio.shortwave,
where the main feature seemed to be that botht he 1st and 2nd
local oscillators derived from the same base crystal oscillator, but in
opposite directions, so that if your xtal reference drifted, the two
locals would drift together and cancel out the drift.

Anyway we R390 users can certainly appreciate a quick band change!
Tho I wouldn't call the FRG-7 scheme very quick, and it looked prone
to error, big time. Presumably the Racal is much better.

BTW, weren't Racals mostly for merchant marine use,
or Royal Navy, or what? WOuld love to see one. 73, mike k w9nrd

From boatanchors@theporch.com Thu Jun 15 16:09:00 1995
Date: Thu, 15 Jun 1995 11:09:00 -0500
Message-Id: <PMX-TERM-2.02-bsm2ee1-thaake-270>
From: thaake@bsm2ee1.attmail.com (thaake)
Subject: RE:RE: Equipment

Regarding the process camera and diffusion transfer machine
Sale/Trade email I forgot to say I am located in St. Peters,MO
30 MIles west of St. Louis MO.

Also, I have no extra equipment/accessories for the camera
that I want to sell. It is a bare bones basic hunk of metal with a
lens. Bellows and art work frame are on an horizontal bed with wheels
controlled manually from rear (film end) of camera. Real basic but
then not any more is needed to do what it does well.

Sorry,

Tim WA0TSY
thaake@bsm2ee1.attmail.com

From boatanchors@theporch.com Thu Jun 15 23:24:55 1995
Date: Thu, 15 Jun 1995 18:24:55 -0500
Message-Id: <199506152322.QAA25772@igc3.igc.apc.org>
From: "Dick Dillman" <ddillman@igc.apc.org>
Subject: Sayville Station - Information Needed

As an amateur radio historian as well as a boatanchor enthusiast, I try to visit as many sites where radio history was made as I can. One of these sites is in the town of Sayville on Long Island, New York. It was here, as I suspect many readers of the BA list will know, that Telefunken set up a station to communicate with Nauen, Germany, before the Great War (WWI). After the outbreak of hostilities an amateur radio operator named Apgar was able to prove that the Sayville station was in fact sending coded messages to Germany regarding US ship movements by recording the high speed transmissions on a wax cylinder recorder and slowing them down.

With these events in mind I visited the Sayville library and researched the location of the station. It still exists although only as a partially abandoned FAA communications site. Parts of the original antenna structure anf guy system were still in place, however. The few scratches that resulted from crawling under the chain link fence were a small price to pay for visiting and photographing the site.

As part of my research I was put in touch with a local historian and former amateur, Ms. Constance Currie. She has done considerable research on the site and has recently come into posession of some photographs of the original equipment at the station.

This equipment is a bit before my time and made by Telefunken to boot. But since the BA list has been a good source of obscure information in the past, I promised to ask my colleagues here if anyone might be in a position to help Ms. Currie and I identify some of the equipment in the photos or add in any other way to the body of information she is collecting about this historically significant and very early station.

Best Regards,

Dick Dillman <ddillman@igc.apc.org>

From boatanchors@theporch.com Thu Jun 15 21:04:13 1995
Date: Thu, 15 Jun 1995 16:04:13 -0500
Message-Id: <950615165915_95644382@aol.com>
From: WaltN@aol.com
Subject: Re: Singer Spectrum Analyzer Manual Request

Hi,

Just picked up a Panoramic Universal Spectrum Analyzer Model MF-5 Mainframe with a VR-4 Module 1KHz to 27.5MHz. BTW, both units bear the Singer name as well as Panoramic. Unfortunately, the equipment doesn't seem to be working properly. Does anyone have the manual for either the MF-5 and/or VR-4? Original or copy would be welcomed. Naturally, I'll pay manual costs plus shipping. It's a nice unit and I sure would like to be get it up and running.

Regards,

Walt

From boatanchors@theporch.com Thu Jun 15 13:09:33 1995
Date: Thu, 15 Jun 1995 08:09:33 -0500
Message-Id: <950615091030.20201440@MTC2.MID.TEC.SC.US>
From: SKIPPERM@MTC2.MID.TEC.SC.US
Subject: Slide rules

I have and still ocassionally use an "electronic" slide rule. It a regular slide rule but on the back you can calculate reactance, resonant frequency, values for inductance and capacitance for resonant circuits. directly. example. Place the value of capacitance on one scale - place the frequency on the other scale (over the capacitance value) then read reactance over the cursor. Purchased this slide rule in the early 60's while attending tecnical college. sure brings back memories.

Skip

From boatanchors@theporch.com Thu Jun 15 17:35:54 1995
Date: Thu, 15 Jun 1995 12:35:54 -0500
Message-Id: <01HRQH5VT9S29S4174@RANDB.PPRD.Abbott.Com>
From: KANAMAA%AMGATE%MATRXA@randb.pprd.abbott.com
Subject: Smells like teen Boatanchors

From: Kana, Michael (D9CY)
Date: Thu, Jun 15, 1995 12:32 PM
Subject: Smells like teen Boatanchors
To: bigboats
Howdy All

Well, I can think of several aromas that come to mind.....

The smell of the musty old tool shed where I spent many an hour

tearing apart junk TV's while listening to the BBC and Radio Canada
on my first boatanchor - a hand me down Howard receiver from one
of my dad's hunting pals. (I was 11 then)

The smell of ozone from the spark generator I made by attaching a
wire to the high voltage transformer of an old TV set (used for zapping
ants and spiders and such...)

Old QST's and CQ's rescued from the garage.

The MFP smell from popping open my first R392.

Years later, the smell of my DX100/75S3B station I used to make
my first AM contact on 20m. (About 4-5 years ago. I was 26 then)

If my TenTec Omni V ever started smellin' then I'd be worried but not
with my boatanchors....

73's de AA9IL
Mike Kana

From boatanchors@theporch.com Thu Jun 15 16:37:15 1995
Date: Thu, 15 Jun 1995 11:37:15 -0500
Message-Id: <9506150807.0BFAS00@24stex.com>
From: michael.moore@24stex.com
Subject: SOURCE OF CRYSTALS FOR

JE>I'd like to get some crystals for my R4-B to extend it's frequency
JE>coverage. Can anyone recommend a good source?

JE>- Jeff, WA6AHL

Good news and bad news!
-Good news: International xtal will make up what you want for
$12.45 each. I just ordered three for myself about ten days ago.
-Bad news: They are taking 5 to 6 weeks before shipment. Seems that
they are swamped with orders. They always take too long. Back when
xtals were real popular and lots of companies made them you could
get them in two weeks. Must be a message here someplace :).

I tried to call JAN (nice name) Xtal but got a message saying what
their hours were and it also said that I could call on Friday's
and someone could take the order otherwise FAX it in. No human contact
available I guess except on Friday? B.S. I called International.

Time to find other sources for xtals. Whatever happened to Savoy, Peterson,Sentry et al???

Mike...K6SQJ

From boatanchors@theporch.com Thu Jun 15 12:49:02 1995
Date: Thu, 15 Jun 1995 07:49:02 -0500
Message-Id: <199506151246.FAA28756@ix4.ix.netcom.com>
From: jeffa@ix.netcom.com (Jeff Anderson)
Subject: Source of Crystals for R4-B?

I'd like to get some crystals for my R4-B to extend it's frequency coverage. Can anyone recommend a good source?

Thanks,

- Jeff, WA6AHL

From boatanchors@theporch.com Thu Jun 15 20:13:14 1995
Date: Thu, 15 Jun 1995 15:13:14 -0500
Message-Id: <9506152011.AA10027@thd.tv.tek.com>
From: Bill McFadden <bill@soul.tv.tek.com>
Subject: Re: Tubes

Speaking of teaching your kids about old technology, the other day my five year old son took an interest in some tubes I was testing, so I showed him how to use the tester. Before long, he was setting the controls, inserting and removing the tubes, and reading the results. He thought it was a lot of fun. I hope he still thinks so when he's 15.

--
Bill McFadden Tektronix, Inc. P.O. Box 500 MS 58-639 Beaverton, OR 97077
bill@tv.tv.tek.com, ...!tektronix!tv.tv.tek.com!bill Phone: (503) 627-6920
CAUTION: Don't look into laser beam with remaining eye.

From boatanchors@theporch.com Fri Jun 16 02:43:11 1995
Date: Thu, 15 Jun 1995 21:43:11 -0500
Message-Id: <Chameleon.4.01.2.950615214122.gyoungma@gyoungma.gtetel.com>
From: Grant Youngman <gyoungma@gtetel.com>
Subject: Wanted: Hammarlund S-meter

I need the meter scale for a S-meter from an HQ-160/170/180 series receiver. The scale needs to be tanslucent plastic, i.e. capable of being rear lighted.

I'm looking for a replacement for an HQ-160 I picked up last weekend, which has a very darkly yellowed scale. Either a whole meter or just the scale itself.

Anybody got one in a parted out or junked receiver that is still pretty good looking?

Grant/NQ5T